SEQUENCE LISTING

<110> Brinckerhoff, Constance
Rutter, Joni
Trustees of Dartmouth College

<120> Methods of Diagnosing, Prognosticating and Treating Matrix Metalloproteinase-1 Related Diseases via a Matrix Metalloproteinase-1 Single Nucleotide Polymorphism

<130> DC-0120

<140>
<141>

<150> 60/110,266
<151> 1998-11-30

<160> 10

<170> PatentIn Ver. 2.0

<210> 1
<211> 5
<212> DNA
<213> Homo sapiens

<400> 1
aagat 5

<210> 2
<211> 6
<212> DNA
<213> Homo sapiens

<400> 2
aaggat 6

<210> 3
<211> 4438
<212> DNA
<213> Homo sapiens

<400> 3
cctcacatat ttcaaatcca tctcaaattc acattcacag atgtaagagc tgggaaagga 60
cggttttgac agggctgaac tgagctatgg tatgagtagc actcatcccc agaaagtctc 120
ttggtttgaa tttccgggaa aaggagctat agctgcaaaa atctgtttca caaatgtgct 180

aactataagc attttccaca gtgtttaata aaccatgcag ataagaaaat attattgaca 240
aacaaattaa taaaatgctc aaaataatct gatactaaat gcttgtagca tggcatgcaa 300
atcaccaaaa ataaatgtgc tatgcttcat ataaaatctc cagtaaggct gggtgtggtg 360
gctcacacct ataatcccaa cactctggga ggccgaggtg agagaactgc ttgaggccag 420
gagtttgaga ctagcctggc caacatagtg agacctcatc tctacaaaaa atcttaaaaa 480
tcagtgggac atggtggtgc acatctgtag ttctagctac ttgggagtct gaggcaggaa 540
gattgcttaa gcccaagagt ttgaggtccc tacactccag cctaagcgac agagggagac 600
cttgtctcta aataaataaa ttagttaatt gaatgtccag tcagttgata tatccaaatt 660
cttcccatgg taattttaaa aactttagtc ttaggagagt aaaagtcatg gacataagac 720
ttcttataaa caactcagcc taatgagaaa tagaccctgt atttaagtgt catttaagta 780
tctatttctt cattgatcta ttcatttatt aactcctgta acaatcattt gcagacacct 840
actatgttga ggtagtataa actataaatt caacaagttt gataagggaa ataagagaga 900
ttgagtgaca gcttgaaggg gaggattctt tcaggcctgt gggaccgggt ggtggcatgg 960
agacattatt gtggacttga gggagttaat gtgacagtcc tcgtgtctcc agacactttc 1020
tctctgttag ggaagcaaga tttctatccc cagagtatgt atgtgttatg tctggactgc 1080
agtggcacag aactgtgttc aacgagtgac taccgctctg ctgtgtgccc tgggacttgg 1140
ggttaattga tcaatcattt ctatccagaa ggtaaccatg aggactgacg gaaccagtgt 1200
gtaccaagtg tctgttaagt gtctggtcaa tggttatcca taaagctact gcatggccat 1260
atgtaggaag aatacacacc gtgagcaaat ttttcccacg tgtaactctc acaacaaaat 1320
agcattaaat acttaatgtt tctggctaaa gaccatttca agacttgcag gacaaaaaaa 1380
tagaaaaaat atctgacact caaatggagt tacaaaatta aaacggctga attccccagc 1440
ataaaaaaat atgaagcaag attgaaattt caagactaag tttaatatgg aaaaatacaa 1500
atatgtttga ggccttttac agagcagcca gcatgaagca accaagaaaa ccacggaaat 1560
aatctggctg cctggaaata gtccggagtc agctgacaca gccacacgag agccctctta 1620
tgcttgtcat aaggggtaaa ggaataattt cagaaaatta catttaaaag agaattatgg 1680
gggaagaaga tgctcccaga ggaaacaaat agtatggatg tgaagagcaa atacaacttt 1740
aacatgtttt gaacttcttg gaaactatgc taagtttagg cattgctagg atttggtatg 1800
atttaatccc cagctttctg ttctaaattt ttgttttctt ttttactctc aaataaatca 1860
tatgctagca ccagctgcaa agttacatat gttgtattag acgatcttcc atgaatacct 1920
aactggaaat tccaagattc agggccatgt gaatctaggc tggctgctta accaaaactt 1980
aatttaattt ttttcgttta ttttaggaaa aaaaattaac gaaaagatgt ttcaagcaac 2040
cagtttccaa tccacgtcag caactatgac atttaatgaa acactgtgag catttagcat 2100
gagagctctg gactcagatg cagggagctt tgctagagaa gggaggaaaa agcaggcatg 2160
atgtggcggg ttgtggggga ctccaaggct ctatttccaa ctttcatcag agaacttctg 2220
ttttcacctg gttttcaaat ttgctttcca aaagggattt tgtttaagta aaggatacag 2280
aggtttataa aagtttgaaa acttctacat tgcaggatgt gcaggctctt gccagatggg 2340
acagtgtatg agactcttcc agggtgacgt cttaggcaat ttcctgtcca atcacagatg 2400
gtcacatgct gctttcctga gttaacctat taactcaccc ttgtttccca ggcctcagtg 2460
gagctaggct tgtcacgtct tcacagtgac tagattccct cacagtcgag tatatctgcc 2520
actccttgac ttttaaaaca tagtctatgt tcacccttca atatgaagag ccccttccac 2580
tattttcttt gtctgtgctg gagtcacttc agtggcaagt gttcttttggt ctctgccgca 2640
ccctccctct gatgcctctg agaagaggat ttccttttcg tgagaatgtc ttcccattct 2700
tcttaccctc ttgaactcac atgttatgcc acttagatga ggaaattgta gttaaataat 2760
tagaaagata tgacttatct caaatcaatc caagatatac tgaagtattg tttatgagta 2820
agatatcagt cttgacgcag aaagaaaaca ggaatccata aggggaggaa agtgttgaaa 2880
agcaaacctg atacagtggg aaaggtggga gacaccataa ggtgctgaag tgataaaaca 2940
ggccagtgtt tctccactgt atgttttcaa taaatgcttc caaggaagga gagtggggca 3000
tgagtagggg agctacagag ataaaccaac ttttcttacc aggaatgcta cagatagcac 3060

tggtgacacc ggtcaccagt acccaagaca atttaatgtg gaacataagt acaggaatac 3120
acatctttca ttacagagcc atgtatttat tttaatgggc aggagatgct aaataagatc 3180
ttttgaatgg aggaatgcat aaatatatga atgaatgcat acatgaaaga ataaataaat 3240
gctgcctagc accaaggagc gaagatagac tcatatcaag ggaaacaagt atgattaaaa 3300
ataagacccc agagtcacgc tcagtctctt tccagccttt tcatcatccg gtacattcag 3360
acaagtttca gggaaggatc ctatttgtcc catgataatg atgggcaagg ggtggggagt 3420
tatctcatac tccgcctgtg gatgaggggt cttctcaggt aaggctctta aatcctaggc 3480
ctgagtaaat tttttcaaat tttattttag acagggtccc tctctgttgc ctaggctgga 3540
gtgcagcggc acaatcacag ctcaatgcag cctcaacctc ccaggcccaa gtgatcctcc 3600
cacctcagcc tcttcagtga ctaggactac aggtgcatga ctccatgctt ggctaacttt 3660
aaaaaatgtt tgtttgtttg tttgtttttt acagagatgg ggtctcacca tgttgcccag 3720
gctgatcttg aactcctggg ctcaagtgat tcccctgcct cggcctcctg aaattctggg 3780
attataggct tgagccacca tgcctggctc tgagtaaaga ttaagggaag ccatggtgct 3840
atcgcaatag ggtaccaggc agcttaacaa aggcagaagg gaaccttcaga gaaccccgaa 3900
gagccaccgt aaagtgagtg ctgggggagc tgaacttcag tcagtacagg agccgaacag 3960
ccatcaggtg cgcagtgtta gtaattccac cctctgccct gggagcaagg tgtgtggaga 4020
aacctgtagc actttatgac catcagaacc agccttttcc aaaaagacca tggagtactc 4080
tttgacctgt gtatataaca agaacctttc tcaaatagga aagaaatgaa ttggagaaaa 4140
ccactgttta catggcagag tgtgtctcct tcgcacacat cttgtttgaa gttaatcatg 4200
acattgcaac accaagtgat tccaaataat ctgctaggag tcaccatttc taatgattgc 4260
ctagtctatt catagctaat caagaggatg ttataaagca tgagtcagac acctctggct 4320
ttctggaagg gcaaggactc tatatataca gagggagctt cctagctggg atattggagc 4380
agcaagaggc tgggaagcca tcacttacct tgcactgaga aagaagacaa aggccagt 4438

<210> 4
<211> 31
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:Synthetic

<400> 4
gtggaagctt acacctataa tcccaacact c 31

<210> 5
<211> 33
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:Synthetic

<400> 5
ctgcctggta ccctattgcg atagcaccat ggc 33

<210> 6
<211> 35

<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:Synthetic

<400> 6
aaataattag aaagatatga cttatctcaa atcaa 35

<210> 7
<211> 36
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:Synthetic

<400> 7
aaataattag aaaggatatg acttatctca aatcaa 36

<210> 8
<211> 51
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:Synthetic

<400> 8
ttcattgtta atcaagagga tgttataaag catgagtcac accctcagct t 51

<210> 9
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:Synthetic

<400> 9
gttatgccac ttagatgagg 20

<210> 10
<211> 20
<212> DNA
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:Synthetic

<400> 10
ttcctcccct tatggattcc 20